

(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 9586

Roll No.

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B.Tech.

(SEMESTER-II) THEORY EXAMINATION, 2011-12

REMEDIAL BIOLOGY-II

Time : 3 Hours]

[Total Marks : 100

Note : Answer **all** question as directed.

SECTION – A

1. All questions are compulsory :

10 × 2 = 20

- Define digestion.
- Explain adaptive radiation.
- Define fertilization.
- Define oogenesis.
- Give the structure of neuron with a well labelled diagram.
- Mention various functions of body fluids in circulation.
- Distinguish between inspiration and expiration.
- Define evolution.
- Enlist the types of leaves.
- Name the organism that causes malaria and vector.

SECTION – B

2. Attempt any **three** of the following :

3 × 10 = 30

- Enlist various structures of respiratory system and mechanism of respiration.
- Write in brief about neural control and co-ordination.
- Write a detailed account on menstrual cycle.
- Give the basic concept of immunology and vaccines.
- Explain the origin of life with theories and evidences.

SECTION – C

Attempt any **five** of the following :

5 × 10 = 50

3. Write in brief about absorption of various nutrients.
 4. Discuss about any **two** ;
 - (i) Cancer
 - (ii) AIDS
 - (iii) Sexually transmitted diseases
 5. Explain about the development of foetus.
 6. Give a detailed account on birth control.
 7. Describe the origin and evolution of man.
 8. Explain in brief about chemical co-ordination and regulation.
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